

Abstract of the Disclosure

5 Plasma Display Panels (PDP) are becoming more and more interesting for TV technology. Due to the larger size of PDPs, with larger viewing angle the large area flicker effect will become more serious in the future, in particular when handling 50Hz video standards. This invention proposes a different sub-field organisation, with different coding, which reduces large area flicker artefact, and which is characterised by:

10

1. Grouping of sub-fields (SF) in 2 sub-field groups (G1, G2), of similar structure.
2. Adjusting the starting times of the two sub-field groups to 15 a time raster corresponding to a doubling of the frame repetition rate by adding a first blanking period of a first dedicated length behind the last sub-field of the first sub-field group and a second blanking period of a second dedicated length behind the last sub-field of the 20 second sub-field group.